

CLAIMS

1. Support for a part (4) to be coated, comprising  
a substrate (1) with a front face in which there is a  
recess forming a part reception cavity, holding  
contacts (10) for the part arranged around the  
5 substrate and curved towards the cavity, a first  
mechanism for deployment of the holding contacts in the  
radial direction, characterised in that it comprises a  
second mechanism (11, 38) for displacing the substrate  
perpendicular to the radial direction relative to the  
10 holding contacts; and the first mechanism comprises a  
ring (9) carrying the holding contacts (10), slides  
(38) fixing the ring (9) to the substrate (1) in  
rotation but leaving them free in translation, and a  
cam ring (7, 8) pressing on support parts (27) of the  
15 holding contacts forming part of the carrier ring (9),  
the carrier ring and the cam ring being coaxial and  
designed so that they are mutually free in rotation.

2. Support for a part (4) to be coated according  
20 to claim 1, characterised in that the holding contact  
supports are connected to a main annular portion (26)  
of the carrier ring (9) through articulations (28), and  
the cam ring is double and comprises two cam circles  
(17, 20) between which the carrier ring is retained,  
25 and the circle cams are arranged with an angular offset  
so as to press alternately on levers (41) on the side  
opposite the articulations of the supports of the  
holding contacts.

3. Support for a part to be coated according to claim 1, characterised in that it comprises a screw (11) with a stem inserted in the substrate and with a head (37) supporting the cam ring and the carrier ring  
5 (7, 8, 9).

4. Support for a part to be coated according to claim 1, characterised in that the holding contacts are fitted with spring tips (34).  
10

5. Support for a part to be coated according to claim 1, characterised in that the holding contacts are fitted with hemispherical tips (33).

15 6. Support for a part to be coated according to claim 1, characterised in that the holding contact supports (27) can be divided in two halves (59, 60) between which the holding contacts (10) are retained.

20 7. Support for a part to be coated according to claim 1, characterised in that the holding contacts (10) are fitted with independent electrical power supply wires as far as an electrical power supply source located beyond an arm (55) supporting the  
25 support.